



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-2592**

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

VENTILATION FOR BUILDINGS. FIRE DAMPERS

MODEL: **SCFC-GD**

Place on the market under the name of:

SAFEAIR, S.L. (GRUPO KOOLAIR)

POL. IND. SAN ISIDRO
AVDA. SAN ISIDRO NAVE C-3
45223 SESEÑA (TOLEDO-SPAIN)

And produced in the manufacturing plant:

POL. IND. SAN ISIDRO
AVDA. SAN ISIDRO NAVE C-3
45223 SESEÑA (TOLEDO-SPAIN)

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 15650:2010

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 18th November 2016 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed and modified on 26th October 2018.

The monitoring assessment will be done before October 2019

Bellaterra, 26th October 2018

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



This document is not valid without its technical annex, whose number coincides with the number of certificate

TECHNICAL ANNEX 0370-CPR-2592**CERTIFICATE OF CONSTANCY OF PERFORMANCE****PRODUCT**

- Single blade Fire Damper, SCFC-GD.
- Dimensions of circular product range, 100 mm of diameter up to diameter 798 mm for rigid wall and 98 mm up to 628 mm for slab.
- Classification EI 180 (ve i ↔ o) S for rigid wall.
- Classification EI 180 (ho i ↔ o) S for rigid slab
- Damper tested with manual activation, automatic closing by dock. Thermal fuse Elsie Mfg type B.
- Damper additional tested with motor brand Belimo BF 230-T & Siemens GGA326.1E/KA.
- Damper tested on rigid wall (vertical mounted) and on slab (horizontal mounted).
- 50 opening and closing cycles are performed prior to testing.
- Testing pressure: 500 Pa.
- Rigid Wall installation options:
 - Manual TH70 trigger mechanism and manual reset. Automatic closure with spring and Elsie fuse Mfg type B 70°C;
 - Manual TH70 trigger mechanism or remote control by coil and manual reset;
 - Manual TH70 trigger mechanism or remote control by coil and motorized reset. Manual operation TH70 Elsie fuse Mfg type B 70°C, remote control with coil and reset Belimo BL24-48KO;
 - GNA.3261E / T10 of Siemens reset mechanism with thermal fuse 72°C;
 - Belimo BF 230-T reset mechanism with thermal fuse 72°C;
- Slab installation options:
 - GNA.3261E / T10 of Siemens reset mechanism with thermal fuse 72°C;
 - Belimo BFN 230-T reset mechanism with thermal fuse 72°C;
- Full technical data for the certified product range is specified in the technical file and in the range report 16/12065920M1, 15/8577-3097, 3P08908-4, 13-5709-3596 and 17/14004-347.



TECHNICAL ANNEX 0370-CPR-2592

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Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Nominal activation conditions/sensitivity: - sensing element load bearing capacity - sensing element response temperature	4.2.1.2 4.2.1.2.2 4.2.1.2.3	PASS
Response delay (response time): - closure time	4.2.2.2	PASS
Operational reliability: - cycling	4.3.1, a)	50 Cycles
Fire resistance:		
- integrity	4.1.1, a)	EI 180 ve i ↔ o) S EI 180 (ho i ↔ o) S
- insulation	4.1.1, b)	EI 180 ve i ↔ o) S EI 180 (ho i ↔ o) S
- smoke leakage	4.1.1, c)	EI 180 ve i ↔ o) S EI 180 (ho i ↔ o) S
- mechanical stability (under E)	4.1.1, a)	EI 180 ve i ↔ o) S EI 180 (ho i ↔ o) S
- maintenance of the cross section (under E)	4.1.1, a)	EI 180 ve i ↔ o) S EI 180 (ho i ↔ o) S
Durability of response delay: - sensing element response to temperature and load bearing capacity	4.2.1.2.2 & 4.2.1.2.3	PASS
Durability of operational reliability: - open and closing cycle tests	4.3.3.2	10000 Cycles (motorized)

PASS; NPD = No Performance Determined, NA = Not Apply

